



Docket No. 58404 (71432)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: C. Thru et al.

Serial No.: 10/717,434

GROUP: 1632

Filed: November 18, 2003

For: ANTISENSE DESIGN

Commissioner for Patents

P.O. Box 1450

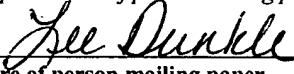
Alexandria, Virginia 22313-1450

\*\*\*\*\*  
CERTIFICATION UNDER 37 C.F.R. 1.10\*

*(Express Mail label number is mandatory.)*

*(Express Mail certification is optional.)*

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this date **July 27, 2004**, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EV438993457US**, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop Missing Parts.

Lee Dunkle  
(type or print name of person mailing paper)  
  
Signature of person mailing paper

\*\*\*\*\*  
Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

**REMARKS**

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

X (1) within three (3) months of the Filing Date or **before the mailing date of the First Office Action** on the merits; or

       (2) within three months of the mailing date of the Search Report issued by the **European Patent Office** (dated       ) (**COPY ENCLOSED**); or

       (3) after the period defined in (1) but before the mailing date of a **Final Rejection or Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p), namely **\$180.00**, is included herein; or

C. Thru et al.

Serial No.: 10/717,434

Page 2

\_\_\_\_ (4) after the mailing date of a **Final Rejection or Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

X are enclosed herewith; or  
\_\_\_\_ have been cited in the parent application, and are thus not being resubmitted herein.

Early examination and allowance of the present application are respectfully solicited.

#### FEE AUTHORIZATION

Should any fees associated with the submission be required, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 04-1105. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,



Christine C. O'Day (Reg. 38,256)  
Edwards & Angell, LLP  
P.O. Box 55874  
Boston, MA 02205  
(617) 439-4444

Date: July 27, 2004

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		DOCKET NO.: 10/458404 (71432)	SERIAL NO.: 10/717,434
		APPLICANT(S): c. Thru et al.	
		FILING DATE: November 18, 2003	GROUP NO.: 1632

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	AA	WO 99/14226	03/25/99	WIPO			
	AB	WO 98/39352	09/11/98	WIPO			No

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AC	Nielsen et al., <i>J. Chem. Soc., Perkin Trans. I</i> , pp. 3423-3433 (1997).
AD	Nielsen et al., <i>Chem. Commun.</i> , 9:825-826 (1997).
AE	Christensen et al., <i>J. Am. Chem. Soc.</i> , 120:5458-5463 (1998).
AF	Koshkin et al., <i>J. Org. Chem.</i> , 63(8):2778-2781 (1998).
AG	Koshkin et al., <i>J. Am. Chem. Soc.</i> 120(50):13252-13253 (1998).
AH	Kumar et al., <i>Bioorg. &amp; Med. Chem. Lett.</i> , 8:2219-2222 (1998).
AI	Braasch et al., <i>Biochemistry</i> , 41(14):4503-4510 (2002).
AJ	Crinelli et al., <i>Nucl. Acid. Res.</i> , 30(11):2435-2443 (2002).
AK	Elayadi et al., <i>Biochemistry</i> , 41:9973-9981 (2002).
AL	Jacobsen et al., <i>Nucl. Acid. Res.</i> , 30(19), in press (2002).
AM	Kurreck et al., <i>Nucl. Acid. Res.</i> , 30(9), 1911-1918 (2002).
AN	Obika et al., <i>Bioorg. &amp; Med. Chem.</i> , 9:1001-1011 (2001).
AO	Braasch et al., <i>Chem. &amp; Biol.</i> , 55:1-7 (2000).
AP	Wahlestedt et al., <i>PNAS</i> , 97(10):5633-5638 (2000).
AQ	Freier et al., <i>Nucl. Acid Res.</i> , 25(22):4429-4443 (1997).
AR	Cook, <i>Nucleosides &amp; Nucleotides</i> , 18(6&7), 1141-62 (1999).
AS	Singh, <i>J. Org. Chem.</i> , 63:6078-6079 (1998).
AT	Singh et al. <i>J. Org. Chem.</i> , 63:10035-10039 (1998).
AU	Rajwanshi et al., <i>J. Chem Commun.</i> , pp. 2073-2074 (1999).
AV	Hakansson et al., <i>Bioorg Med Chem Lett</i> , 11:935-938 (2001).
AW	Rajwanshi et al., <i>Chem Commun.</i> , pp. 1395-1396 (1999).
AX	Wengel et al., <i>Nucleosides, Nucleotides &amp; Nucleic Acids</i> , 20(4-7):389-396 (2001).
AY	Rajwanshi et al., <i>Angew. Chem. Int. Ed.</i> , 39(9):1656-1659 (2000).
AZ	Petersen et al., <i>J. Am. Chem. Soc.</i> , 123:7431-7432 (2001).
BA	Sørensen et al., <i>J. Am. Chem. Soc.</i> , 124(10):2164-2176 (2002).
BB	Vester et al., <i>J. Am. Chem. Soc.</i> , 124(46):13682-13683 (2002).
BC	Arzumanov et al., <i>Biochemistry</i> 40:14645-14654 (2001).
BD	Zamecnik et al., <i>PNAS</i> , 75(1):280-284 (1978).
BE	Bennet et al., <i>Biochim. Biophys. Acta</i> , 1489:19-30 (1999).
BF	Crooke, <i>Biotechnol. Genet. Eng Rev.</i> , 15:121-57 (1998).
BG	Wengel, <i>J. In Antisense Drug Technology; Principles</i> , pp. 339-355 (2001).
BH	Simeonov et al., <i>Nucleic Acids Research</i> , 30(17), in press (2002).
BI	Childs et al., <i>PNAS</i> , 99(17):11091-11096 (2002).

Examiner:

Date: